

DRAWING FOR REFERENCE: This is subject to change without notice
08/11/2012

TO
PKG

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
APPLICABLE STANDARD		PC Card Standard									
RATING	OPERATING TEMPERATURE RANGE		-55 °C TO +85 °C			STORAGE TEMPERATURE RANGE		-40 °C TO +70 °C			
	VOLTAGE					OPERATING HUMIDITY RANGE		95%MAXIMUM (NON-CONDENSING)			
	CURRENT										
SPECIFICATIONS											
ITEM		TEST METHOD				REQUIREMENTS				QT	AT
CONSTRUCTION											
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.				ACCORDING TO DRAWING.				X	X
MARKING		CONFIRMED VISUALLY.								X	X
MECHANICAL CHARACTERISTICS											
MECHANICAL OPERATION [OFFICE ENVIRONMENT]		10000 TIMES INSERTIONS AND EXTRACTIONS.				NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.				X	—
VIBRATION AND HIGH FREQUENCY METHOD 204D		FREQUENCY 10 TO 2000 Hz, AMPLITUDE 1.52 mm, 147 m/s ² PEAK FOR 4 h, IN 3 DIRECTIONS.				NO MECHANICAL DAMAGE SHALL OCCUR ON THE PARTS.				X	—
SHOCK METHOD 213B		ACCELERATION 490 m/s ² STANDARD HOLDING TIME 11 ms, SEMI-SINE WAVE FOR 3TIMES IN 3 DIRECTION.								X	—
ENVIRONMENTAL CHARACTERISTICS											
MOISTURE RESISTANCE METHOD 106E		10 CYCLES (1 CYCLE=24 HOURS)WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.				NO HEAVY CORROSION.				X	—
THERMAL SHOCK METHOD 107G		TEMPERATURE -55 → +5~35 → +85 → +5~35 °C TIME 30 → 5 MAX. → 30 → 5MAX. min. UNDER 5 CYCLES WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.				NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.				X	—
DURABILITY (HIGH TEMPERATURE) METHOD 108A		EXPOSED AT 85 °C, 250 HOURS WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.				NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.				X	—
COLD RESISTANCE [JIS C 0020]		EXPOSED AT -55 °C, 96 HOURS WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.				NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.				X	—
HUMIDITY (NORMAL CONDITION) METHOD 103B		EXPOSED AT 40±2 °C, 90 TO 95 % RH 96 HOURS WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.				NO PHYSICAL DAMAGE SHALL OCCUR DURING TESTING.				X	—
HYDROGEN SULPHIDE [JEIDA-38]		EXPOSED IN 3 PPM HYDROGEN SULFIDE, 40±2°C, APPROX. 80% RH, 96 HOURS, WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE LEFT AT THE AMBIENT TEMP. FOR 1 TO 2 HOURS.				NO HEAVY CORROSION				X	—
CORROSION SALT MIST METHOD 101D		EXPOSED IN 5±1 % SALT WATER SPRAY, 35±2°C, 48 HOURS, WITH CONNECTORS ENGAGED. AFTER THE TEST, THE TEST SAMPLE SHALL BE RINSED WITH WATER AND DRIED AT THE AMBIENT TEMP. FOR 24 HOURS.				NO HEAVY CORROSION				X	—
REMARKS						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Unless otherwise specified, refer to MIL-STD-202F.						R. Takayama 03.10.16	R. Takayama 03.10.16	S. Ohara 03.10.17	J. Yamaguchi 03.10.20		
						Note QT:Qualification Test AT:Assurance Test X:Applicable Test					
HRS HIROSE ELECTRIC CO., LTD.						SPECIFICATION SHEET		PART NO. IC14-G-PEJR			
CODE NO.(OLD) CL			DRAWING NO. ELC4-153297			CODE NO. CL640-1409-7			1/1		

